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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/615,663	07/14/2000	Rohit Khare	004962.P001	6238
8791 7590 08/24/2007 BLAKELY SOKOLOFF TAYLOR & ZAFMAN 1279 OAKMEAD PARKWAY SUNNYVALE, CA 94085-4040			EXAMINER HU, JINSONG	
			ART UNIT 2154	PAPER NUMBER
			MAIL DATE 08/24/2007	DELIVERY MODE PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No.	Applicant(s)	
	09/615,663	KHARE ET AL.	
	Examiner	Art Unit	
	Jinsong Hu	2154	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 22 May 2007.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1,6,10-12,16,25-27,32,36-38,42 and 77-92 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1, 6, 10-12, 16, 25-27, 32, 36-38, 42, and 77-92 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
 Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

1. Claims 1, 6, 10-12, 16, 25-27, 32, 36-38, 42 and 77-92 are presented for examination.

Claim Rejections - 35 USC § 103

2. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

3. Claim 92 is rejected under 35 U.S.C. 103(a) as being unpatentable over Mishra et al. (US 6,178,424 B1), in view of "Official Notice".
4. As per claim 92, Mishra teaches the invention substantially as claimed including a method, comprising of receiving a connection from a user, automatically subscribe to events on behalf of the user and delivering events and/or other web page content to the user [col. 5, lines 11-15 & 34-58; col. 7, lines 42-58; col. 8, lines 12-41].
5. Mishra does not specifically teach the network is Internet. "Official Notice" is taken that both the concept and advantages of providing for Internet is well known and expected in the art. It would have been obvious to a person of ordinary skill in the art

Art Unit: 2154

include Internet with Mishra's system because it would increase the efficiency and reliability of the system.

6. Mishra does not specifically teach the client system having an embedded micro-server. "Official Notice" is taken that both the concept and advantages of providing for embedded micro-server is well known and expected in the art. It would have been obvious to a person of ordinary skill in the art include embedded micro-server with Mishra's system because it would improve the performance of the entire system.

7. Claims 1 and 6 are rejected under 35 U.S.C. 103(a) as being unpatentable over Mishra et al. (US 6,910,070) in view of Langseth et al. (US 6,671,715).

8. As per claim 1, Mishra teaches the invention substantially as claimed including a method comprising:

organizing the received information into a set of topics [col. 6, lines 11-39];

facilitating a user to persistently subscribe to information based on at least one topic selected from among the set of topics [col. 5, lines 11-15 & 34-58; col. 7, lines 42-58; col. 8, lines 12-41]; and

delivering the event to the user via the Internet immediately upon detection based on a subscription to a topic, wherein delivering the event to the user is not reply to a request from the user [col. 6, line 40 – col. 7, line 6].

Art Unit: 2154

9. Mishra does not specifically teach the step of monitoring and detecting publication of information. However, Langseth on the other hand teaches the step of monitoring and detecting publication of information [col. 3, lines 32-35; col. 5, line 59 – col. 6, line 10]. However, it would have been obvious to a person of ordinary skill in the art at the time the invention was made to include Langseth's monitoring step in Mishra's system because doing so would enable the system to obtain latest publication information in real time. One of ordinary skill in the art would have been motivated to modify Mishra's system to provide the best service to user.

10. As per claim 6, Mishra teaches organizing information into non-events, alerts, messages, queries, data, data contents, streams or queues [col. 1, lines 39-51].

11. Claims 10-12, 16, 25-27, 32, 36-38, 42 and 77-91 are rejected under 35 U.S.C. 103(a) as being unpatentable over Mishra et al. (US 6,178,424 B1) in view of Langseth et al. (US 6,671,715) as applied to claims 1, 6 and 11-12 above, in view of "Official Notice".

12. As per claim 10, Mishra and Langseth teach the invention substantially as claimed in claim 1. Both references do not specifically teach organizing events based on URL. "Official Notice" is taken that both the concept and advantages of providing for URL is well known and expected in the art. It would have been obvious to a person of

Art Unit: 2154

ordinary skill in the art include URL with Mishra/Langseth's system because it would make the organizing procedure less complicated.

13. As per claims 11 and 12, Mishra and Langseth teach facilitating a user to persistently subscribe to a source locator, emails address, a name or a location and to specify a level of interest in the web user [col. 7, line 59 – col. 8, line 11; col. 8, lines 34-41]. However, both references do not specifically teach organizing events based on URL. "Official Notice" is taken that both the concept and advantages of providing for URL is well known and expected in the art. It would have been obvious to a person of ordinary skill in the art include URL with Mishra/Langseth's system because it would make the organizing procedure less complicated.

14. As per claim 16, Mishra and Langseth teach the invention substantially as claimed in claim 1. Additionally, Mishra teaches the step of registering a user's device and establishing preferences for routing information to the user [col. 4, lines 38-48]. However, both references do not specifically teach the user's device including a pager, cellular telephone etc. "Official Notice" is taken that both the concept and advantages of providing for pager, cellular telephone etc. devices are well known and expected in the art. It would have been obvious to a person of ordinary skill in the art include pager, cellular telephone etc. devices with Mishra/Langseth's system because it would improve the capability of the system.

Art Unit: 2154

15. As per claims 25 and 26, Mishra and Langseth teach the invention substantially as claimed in claim 1. However, both references do not specifically teach the client system having an embedded micro-server. "Official Notice" is taken that both the concept and advantages of providing for embedded micro-server is well known and expected in the art. It would have been obvious to a person of ordinary skill in the art include embedded micro-server with Mishra/Langseth's system because it would improve the performance of the entire system.

16. As per claims 27 and 85, Mishra teaches the invention substantially as claimed including a method comprising:

organizing the detected information into at least one event and routing the event to a set of topics [col. 6, lines 11-39];

facilitating at least one client to persistently subscribe to information based on at least one topic selected from among the set of topics [col. 5, lines 11-15 & 34-58; col. 7, lines 42-58; col. 8, lines 12-41]; and

delivering the event via the network information to the client immediately upon detection based on a subscription to a topic, wherein delivering the event to the client is initiated by server, and wherein the client does not include a programmed request and/or a poll for the event [col. 6, line 40 – col. 7, line 6].

17. Mishra does not specifically teach the step of monitoring and detecting publication of information. However, Langseth on the other hand teaches the step of

Art Unit: 2154

monitoring and detecting publication of information [col. 3, lines 32-35; col. 5, line 59 – col. 6, line 10]. However, it would have been obvious to a person of ordinary skill in the art at the time the invention was made to include Langseth's monitoring step in Mishra's system because doing so would enable the system to obtain latest publication information in real time. One of ordinary skill in the art would have been motivated to modify Mishra's system to provide the best service to user.

18. Both references do not specifically teach the network is Internet. "Official Notice" is taken that both the concept and advantages of providing for Internet is well known and expected in the art. It would have been obvious to a person of ordinary skill in the art include Internet with Mishra/Langseth's system because it would increase the efficiency and reliability of the system.

19. As per claim 32, Mishra teaches organizing information into non-events, alerts, messages, queries, data, data contents, streams or queues [col. 1, lines 39-51].

20. As per claim 36, Mishra and Langseth teach the invention substantially as claimed in claim 1. Both references do not specifically teach organizing events based on URL. "Official Notice" is taken that both the concept and advantages of providing for URL is well known and expected in the art. It would have been obvious to a person of ordinary skill in the art include URL with Mishra/Langseth's system because it would make the organizing procedure less complicated.

Art Unit: 2154

21. As per claims 37 and 38, Mishra and Langseth teach facilitating a user to persistently subscribe to a source locator, emails address, a name or a location and to specify a level of interest in the web user [col. 7, line 59 – col. 8, line 11; col. 8, lines 34-41]. However, Both references do not specifically teach organizing events based on URL. “Official Notice” is taken that both the concept and advantages of providing for URL is well known and expected in the art. It would have been obvious to a person of ordinary skill in the art include URL with Mishra/Langseth’s system because it would make the organizing procedure less complicated.

22. As per claim 42, Mishra and Langseth teach the invention substantially as claimed in claim 1. Additionally, Mishra teaches the step of registering a user’s device and establishing preferences for routing information to the user [col. 4, lines 38-48]. However, Both references do not specifically teach the user’s device including a pager, cellular telephone etc. “Official Notice” is taken that both the concept and advantages of providing for pager, cellular telephone etc. devices are well known and expected in the art. It would have been obvious to a person of ordinary skill in the art include pager, cellular telephone etc. devices with Mishra/Langseth’s system because it would improve the capability of the system.

23. As per claim 77, Mishra teaches the step of delivering the at least one event from multiple subscriptions to the client using a single connection [col. 6, lines 40-63].

Art Unit: 2154

24. As per claim 78, Mishra teaches the step of delivering a first event via the network once and a second event via the network once, the first event being different from the second event [col. 5, lines 11-15].

25. As per claim 79, Mishra teaches the step of re-establishing a broken connection while delivering the at least one event to the client once [col. 5, lines 50-54].

26. As per claim 80, Mishra and Langseth teach the invention substantially as claimed in claim 27. Both references do not specifically teach the client system having an embedded micro-server. However, "Official Notice" is taken that both the concept and advantages of providing for embedded micro-server is well known and expected in the art. It would have been obvious to a person of ordinary skill in the art include embedded micro-server with Mishra/Langseth's system because it would improve the performance of the entire system.

27. As per claims 81 and 82, Mishra teaches delivering the at least one event to a web browser at the client [col. 6, lines 40-63].

28. As per claims 83 and 84, Mishra and Langseth teach the invention substantially as claimed in claim 1. Both references do not specifically teach organizing events based on URL. However, "Official Notice" is taken that both the concept and advantages of providing for URL is well known and expected in the art. It would have been obvious to

Art Unit: 2154

a person of ordinary skill in the art include URL with Mishra/Langseth's system because it would make the organizing procedure less complicated.

29. As per claims 86-87 and 91, Mishra teaches the invention substantially as claimed including a method comprising:

organizing the detected information into at least one event and routing the event to a set of topics [col. 6, lines 11-39];

facilitating at least one client to persistently subscribe to information based on at least one topic selected from among the set of topics [col. 5, lines 11-15 & 34-58; col. 7, lines 42-58; col. 8, lines 12-41]; and

delivering the event via the network information to the client immediately upon detection based on a subscription to a topic, wherein delivering the event to the client is initiated by server, and wherein the client does not include a programmed request and/or a poll for the event [col. 6, line 40 – col. 7, line 6].

30. Mishra does not specifically teach the step of monitoring and detecting publication of information. However, Langseth on the other hand teaches the step of monitoring and detecting publication of information [col. 3, lines 32-35; col. 5, line 59 – col. 6, line 10]. However, it would have been obvious to a person of ordinary skill in the art at the time the invention was made to include Langseth's monitoring step in Mishra's system because doing so would enable the system to obtain latest publication

Art Unit: 2154

information in real time. One of ordinary skill in the art would have been motivated to modify Mishra's system to provide the best service to user.

31. Both references do not specifically teach the transmitting protocol is web protocol. "Official Notice" is taken that both the concept and advantages of providing for web protocol is well known and expected in the art. It would have been obvious to a person of ordinary skill in the art include web protocol with Mishra/Langseth's system because it would make the system more efficiency and reliable.

32. As per claim 88, Mishra teaches the step of delivering a first event via the network once and a second event via the network once, the first event being different from the second event [col. 5, lines 11-15].

33. As per claim 89, Mishra teaches the step of re-establishing a broken connection while delivering the at least one event to the client once [col. 5, lines 50-54].

34. As per claim 90, Mishra teaches delivering the at least one event to a web browser at the client [col. 6, lines 40-63].

Conclusion

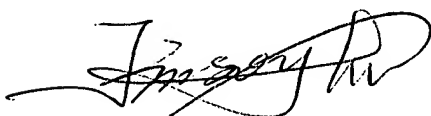
35. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jinsong Hu whose telephone number is (571) 272-3965.

Art Unit: 2154

The examiner can normally be reached on 8:00 AM - 5:30 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Nathan Flynn can be reached on (571) 272-1915. The fax phone number for the organization where this application or proceeding is assigned is (571) 273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

A handwritten signature in black ink, appearing to read 'Jinsong Hu', with a stylized, cursive script.

Jinsong Hu

August 17, 2007